

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-42-16  
Relating to Certification of New Motor Vehicle Engines

WHITE ENGINES, INC.

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following White Engines, Inc. 1985 model-year heavy-duty diesel engines have shown compliance with the optional transient standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
FWE03.7ECC9	226 (3.7)	Exhaust Gas Recirculation (Diesel Injection - Direct) (Turbocharger)

Engine models and codes are listed on attachments.

The following are the certification emission values for these engine families:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
FWE03.7ECC9	1.0	4.2	4.4

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

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Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 16<sup>th</sup> day of January, 1985.



K. D. Drachand, Chief  
Mobile Source Division

Manufacturer White Engine, Inc. Executive Order No. A-42-16  
Engine Family FWE03.7ECC9 Evaporative Family n/a  
Engine CID (Liters) 226 (3.7) I4

## ABBREVIATIONS

Ignition System

CA-Centrifugal Advance  
EEC-Electronic Engine Control  
EI-Electronic Ignition  
ESAC-Electronic Spark Advance  
Control  
VA-Vacuum Advance  
VR-Vacuum Retard

Fuel System

CFI, CL, DID, DIP, EFI, MFI  
nV-nVenturi Carburetor  
VV-Variable Venturi

Exhaust Emissions Control System

AIP-Air Injection-Pump  
AIV-Air Injection-Valve  
CL-Closed Loop  
EGR-Exhaust Gas Recirculation  
EM-Engine Modification  
OC-Oxidation Catalyst System  
TR-Thermal Reactor  
TWC-Three-Way Catalyst System

Special Features

CCV-Combustion  
Chamber Valve  
CFI-Central Fuel  
Injection  
DID-Diesel  
Injection-  
Direct  
DIP-Diesel  
Injection-  
Prechamber  
EFI-Electronic  
Fuel  
Injection  
MFI-Mechanical  
Fuel  
Injection  
TC-Turbocharged

MODELS:

DT3.7HP

DRIVE SYSTEM: n/a Engine/ n/a -Wheel Drive

ECS and (Special Features) EGR (DID, TC)

Date of Issue - 01/09/85